(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 6 May 2005 (06.05.2005)

(10) International Publication Number WO 2005/040208 A2

(51) International Patent Classification7: C07K 14/47

(21) International Application Number:

PCT/US2004/034915

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/513,231

21 October 2003 (21.10.2003)

(71) Applicant (for all designated States except US): ANDRO-CLUS THERAPEUTICS, SOA [US/US]; 4204 Sorrento Valley Road, Suites A-C, San Diego, CA 92121 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SALVATORE, Albani [IT/US]; 4204 Sorrento Valley Road, San Diego, CA 92121 (US).

(74) Agents: CHAMBERS, Daniel, M. et al.; Bio Technology Law Group, 658 Marsolan Avenue, Solana Beach, CA 92075-1931 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MOLECULES FOR MODULATING ACTIVITY OF TOLL-LIKE RECEPTORS AND METHODS OF USING THE SAME

(57) Abstract: Toll-like receptor-binding molecules (including peptides and peptidomimetics) are described. Also described are compositions that contain such TLR-binding molecules and methods of using such molecules to modulate immune responses, for example, to treat or prevent certain immune-mediated diseases.